

OCE-M-74-496

30 OCT 1974

Chief of Operations, OC

Acting Chief, Communications Engineering

Replacement Office Facsimile Equipment

1. Investigation has been completed on the selection of a replacement message facsimile unit for the Office Telecopier Network. A market survey was conducted and likely candidates were tested to determine quality of operation. As a result of the survey and tests, two facsimile equipments have been selected for further TEMPEST testing. These are the Graphic Sciences Model dex 580 and the 3M Model VRC 603.

2. A copy of the Staff Engineering Division engineering report is attached. Testing was performed on four facsimile equipments. These were the Xerox Model 400, 3M Models VRC 600 and VRC 603 and the Graphic Sciences Model dex 580. All of these machines were capable of interconnecting with the existing Telecopier Network, however, only the Graphic Sciences Model dex 580 and 3M Model VRC 603 were judged acceptable as replacements for the existing Xerox Telecopier Network.

3. Accordingly, a Graphic Sciences Model dex 580 and a 3M Model VRC 603 are being procured in order that Communications Security can perform TEMPEST tests. The results of their testing will be incorporated in the final selection of replacement facsimiles. If there is little difference between the modifications developed by Communications Security then both models could be made available to the users based on their requirements.



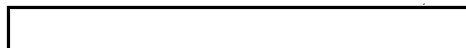
Attachment:

Facsimile Engineering Report

Distribution:

Original - Addressee, w/att (1 cy)

1 - OC-CS, w/att (1 cy)



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